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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet of 2

Complete if Known				
Application Number	Not Yet Assigned 1235			
Filing Date	February 4, 2005			
First Named Inventor	Roland Liebe			
Art Unit	Not Yet Assigned			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	2002P13083WOUS			

U.S. PATENT DOCUMENTS						
Examiner	Cito	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant	
Examiner Cite No.1	No.1		MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	
	1	US- 5,525,269	06-11-1996	Connolly et al.		
	2	US- 5,486,091	01-23-1996	Sharma		
	3	US- 3,475,108	10-28-1969	Zickuhr		
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Examiner Initials*	Cite No.1	Foreign Patent Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		T <sup>6</sup>
	4	CH 652 452 A5	11-15-1985	Landustrie Sneek Machinefabriek Elektrotechniek B.V.		
	5	DE 33 43 296 A1	06-05-1985	Theod. Mahr Söhne GmbH		
	6 -	DD 215 155	10-31-1984	Ingenieurhochschule Zittau		
	7	GB 763,359	12-12-1956	Joseph Lucas Industries Limited		
	8	DE 900 526	12-28-1953	Liebe		
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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February 4, 2005
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Roland Liebe
Roland Liebe
Not Yet Assigned
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item T² (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Cite Examiner publisher, city and/or country where published. Initials 1 No. F. DIDIER, R. DÉNOS, T. ARTS, "Unsteady Rotor Heat Transfer in a Transonic Turbine Stage", ASME TURBO EXPO 2002, GT-2002-30195, June 3-6, 2002, pages 319-329, Netherlands. 9 WITOLD EISNER, DROBNIAK STANISLAW, "The Nonstationary Behaviour of Stator Profile Boundary Layer Excited by Periodic Upstream Wakes", ASME TURBO EXPO 2002, GT-2002-30234, June 3-6, 2002, pages 10 673-680, Netherlands. SANG WOO LEE, SANG BAE JUN, BYUNG-KYU PARK, JOON SIK LEE, "Effects of High Free-Stream Turbulence on the Near-Wall Flow and Heat/Mass Transfer on the Endwall of a Linear Turbine Rotor 11 Cascade", ASME TURBO EXPO 2002, GT-2002-30187, June 3-6, 2002, pages 231-243, Netherlands. R. LIEBE, "Validation of the Finite Vortex Model by Analyzing Unsteady Aerodynamic Experiments", Design 12 and Nature Conference, 2002, 10 pages, Italy. R. LIEBE, W. LIEBE, "A General Finite Vortex Model to Describe Unsteady Aerodynamics in Nature", Design 13 and Nature Conference 2002, 10 pages, Italy. W. HEINKE, B. MATYSCHOK, B. STOFFEL, K. HEINIG, A. FIALA, "Numerische Simulation und experimentelle Untersuchungen zum Clocking-Effekt", 7. Seminar of AG Turbo, December 7 & 8, 2000, 14 pages 11-1 thru11-12, Germany. H.-P. SCHIFFER, F. HASELBACH, L. FOTTNER, "Hochbelastete ungekühlte Turbinenbeschaufelung", 7. 15 Seminar of AG Turbo, December 7 & 8, 2000, pages 5-1 thru 5-16, Germany. LIEBE, W, "Die Schwingende Hinterkante Als Auftriebshilfe und Zur Verminderung des Widerstands am 16 Tragflügel", DGLR-JT99-088, 1999, pages 285-290, Germany. DOUGLAS L. SONDAK, DANIEL J. DORNEY, "Simulation of Vortex Shedding in a Turbine Stage", ASME 98-GT-242, International Gas Turbine & Aeroengine Congress & Exhibition, June 2-5, 1998, pages 1-10, 17 PETER FREYMUTH, KARL E. GUSTAFSON, ROBERT LEBEN, "Visualization and Computation of Hovering 18 Mode (Vortex Dynamics)", 1991, pages 143-169, USA. K. DULLENKOPF, A. SCHULZ, S. WITTIG, "Einfluß periodisch instationärer Zuströmbedingungen auf den zeitlich gemittelten Wärmeübergang an Turbinenschaufeln", 2. Statusseminar der Arbeitsgemeinschaft 19 Hochtemperatur-Gasturbine, November 22 & 23, 1990, pages 85-97, Germany D.R. POLING, D.P.TELIONIS, "The Response of Airfoils to Periodic Disturbances - The Unsteady Kutta 20 Condition", AIAA Journal, February 1986, pages 193-199, Vol. 24, No. 2, USA. W.J. McCROSKEY, L.W. CARR, K.W. McALISTER, "Dynamic Stall Experiments on Oscillating Airfoils", 21 AIAA Journal January 1976, pages 57-63, Vol. 14, No. 1, USA. WOLFGANG LIEBE, "Der Schwanzschlag der Fische", VDI-Z. 105, October 1963, pages 1298-1302, Nr. 28, 22 Germany.

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